

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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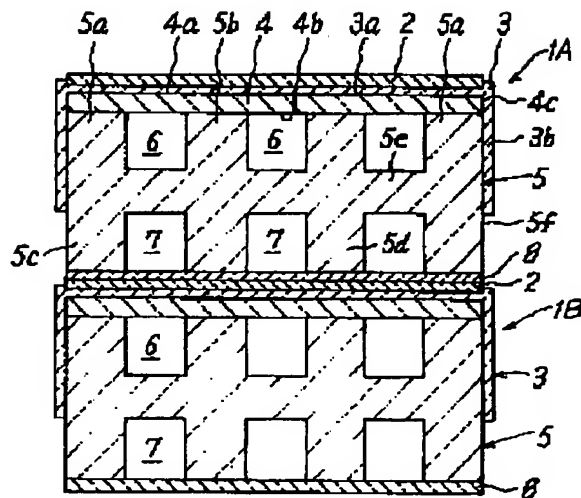
APPLICATION DATE : 27-03-95  
APPLICATION NUMBER : 07067542

APPLICANT : NGK INSULATORS LTD;

INVENTOR : MURAI MAKOTO;

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TITLE : UNIT CELL AND BATTERY FOR SOLID  
ELECTROLYTE TYPE FUEL CELL



ABSTRACT : PURPOSE: To reduce resistance against direct current and density polarization when unit cells for a flat plate type solid electrolyte fuel cell are integrated so as to improve the output in each unit cell.

CONSTITUTION: Each of a unit cell 1A and a unit cell 1B is provided with a plate type separator 5 on which the first gas flow passage 6 and the second gas flow passage 7 are formed, the first electrode 4 facing the first gas flow passage 6, a solid electrolyte film 3 formed on the electrode 4, and the second electrode 2 formed on the solid electrolyte film 3. In a view from the cross sectional direction of the first gas flow passage 6, the separator 5 and the solid electrolyte film 3 are airtightly connected to each other while surrounding the gas flow passage 6.

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